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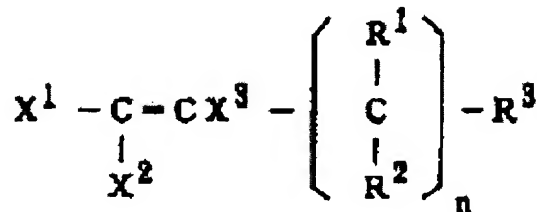
ANTIBACTERIAL AND ANTIFUNGAL BASIC MATERIAL FOR BUILDING**Patent number:** JP4331752**Publication date:** 1992-11-19**Inventor:** NAWATA NOZOMI; others: 04**Applicant:** TOTO LTD**Classification:****- international:** C04B28/00; A01N31/02; A01N37/06; A01N43/50; A61L2/16; C04B24/00; C04B24/02; C04B24/12; E04B1/62**- european:****Application number:** JP19910102792 19910508**Priority number(s):****Abstract of JP4331752**

PURPOSE: To improve antibacterial and antifungal properties by adding a compound of formula I to a basic material for a building, showing alkaline by reaction with water.

CONSTITUTION: With 100 pts. wt. basic material (e.g. cement material or gypsum) for a building, showing alkaline (e.g. $\geq \text{pH}10$) by reaction with water, 0.01-30 pts.wt.

compound (e.g. 2,2,3-triiodoallyl alcohol) of formula I ($X<1>$, $X<2>$ and $X<3>$ show Cl, Br or I. $R<1>$ and $R<2>$ show H or lower alkyl group. R shows hydroxyl group, lower alkoxy group, lower alkanoyloxy or imidazolyl group. n is 1-4) is

blended in a condition where the basic material for a building is powdery or not molded or cured yet. Or, the compound is applied to the surface of the basic material by the coating method or the spraying method.



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